

Gulf of Mexico Harmful Algal Bloom Bulletin

19 September 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin:

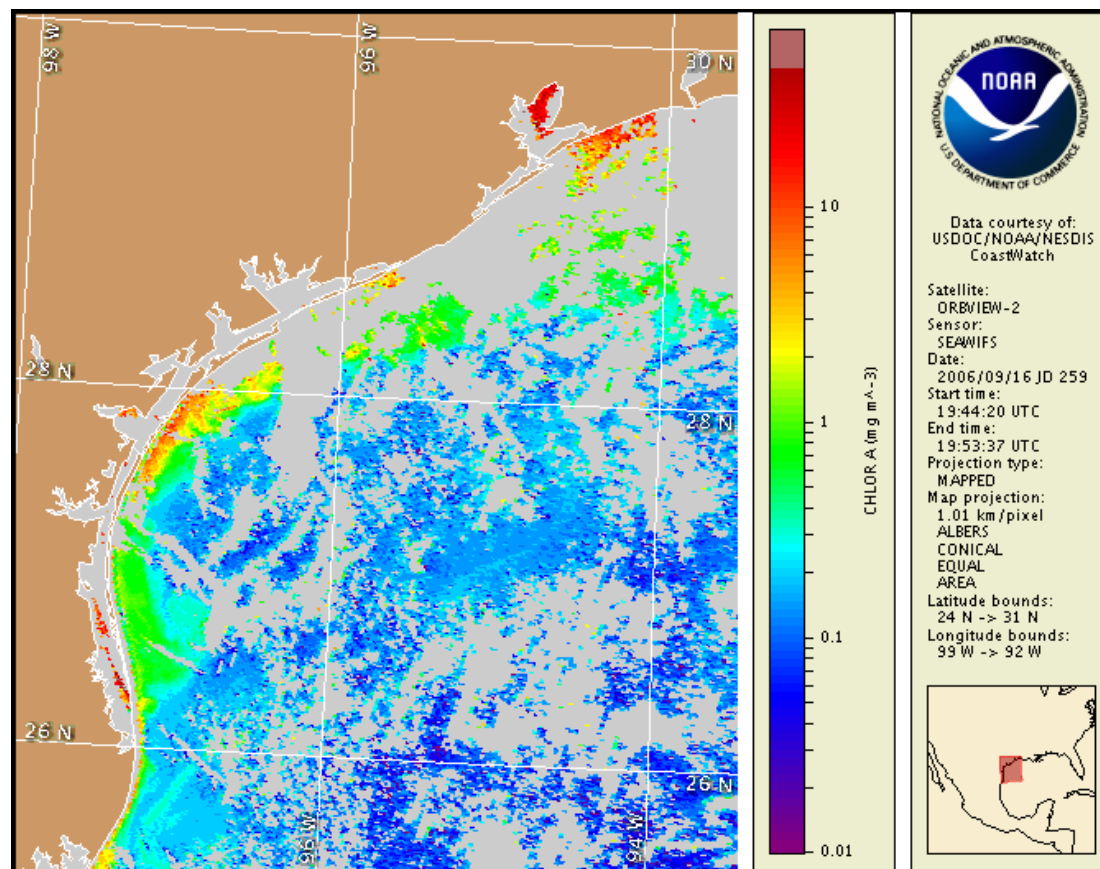
Conditions Report

No recent reports of red tide within the last week.

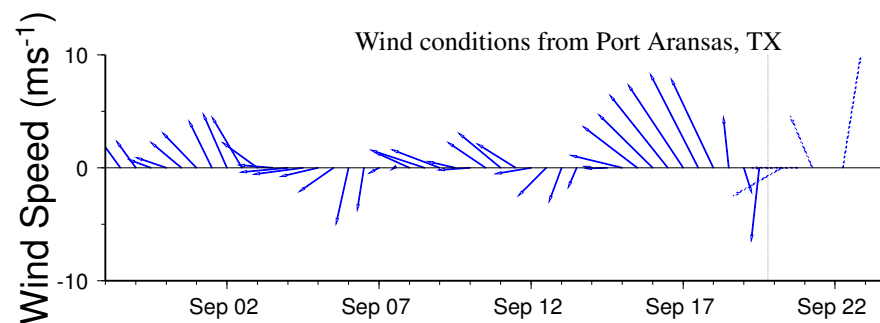
Analysis

Recent imagery has been cloudy. Nothing to report.

Wynne, Jewett



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

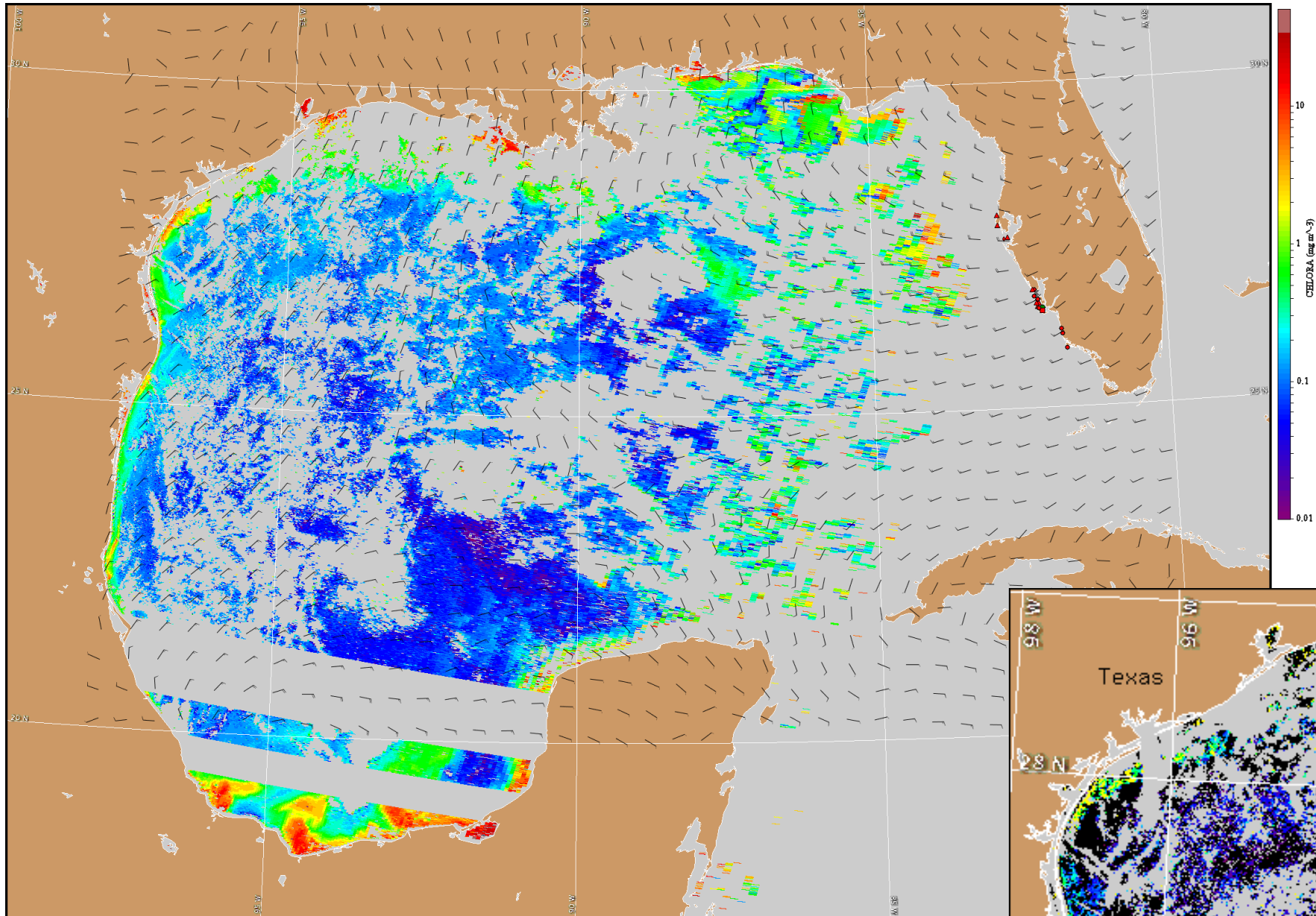


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

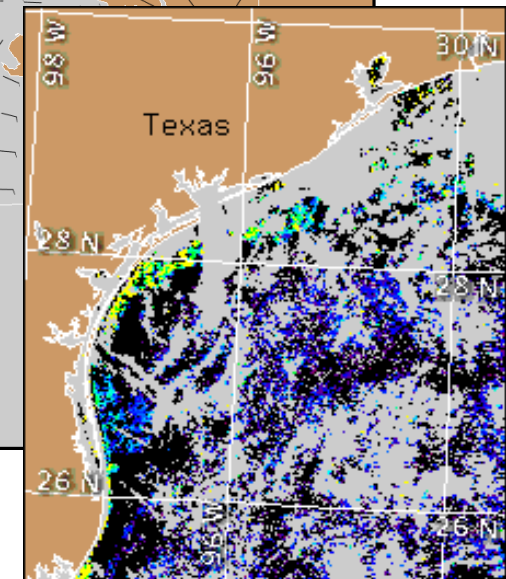
Winds out of the north today and an incising high pressure system will lead to general offshore flow. Winds are expected to switch from NE to SE through Wednesday at 10-15 knots. Southerly wind expected for Thursday.

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for September 20, 2006 06Z with cell concentration sampling data from September 18-19 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).



Verified HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).